th	Contents 7	Reference to last Measurement 8

First Refund

BR 152/31-8-15

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. 258108

Name of Work ..... Improvements to roads in low lying area of Lodge: Layout of drains & CD work in road No. 8. under relief flood From..... To.....

Name of Contractor of nature of Agency ..... M/s. KRIDL, Malleshwaram, Bangalore

Date of commencement of work ..... 02-03-2015.

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Estimate cost: Rs. 12.00 Lakhs IS code: 008-15-000014 AS No. 1030/14-15 dtd 5-9-14. TS No. 43/14-15 dtd 5-9-14. WO No. EE/STP/KRIDL/WO/61/2014-15 dtd 23-12-15 Measurement recorded on: 18-06-2015						
*)	Removing RS rubble masonry drain & earthwork as directed.						
1	Qty vide item No (1) y page 258156	-	-	-	@ Rs. 50.11	-	@ Rs. 66.20 SFS = Rs. 3241.80

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Refixing stone slabs of dados & paving in CM 1:3 Qty vide item No. 2 of page	2	58.58	-	-	633.51	SFM
			@ 40. ₹0.04	-	-	= Rs	4413 ₹1.00 =
3)	Providing granite slabs of selected grade by roughly dressed & fixed in CM 1:3 in dados cutting etc complete. Qty vide item No (3) of	page	2	58.13	-	33.25	SFM
			@ 40. 343.04	-	-	Rs	11454.00 =

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
4)	Earthwork excavation excavated surface dressed, disposed earth Qty vide item No (4) of	
5)	Construction Qty vide item No (5) of	

Contents	Reference to last Measurement
7	8
633.51 Sqm	
" " Rs	4437ft.00 =
33.25 Sqm	
" " Rs	11654.00 =

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258109

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Earthwork excavation by manual means, excavated surface levelled & dressed, disposed earth to be levelled neatly after leveling & clean etc complete.						
	Qty vide item no (4) J/Pg 258156					224.08	Cum
				Limited to		225.87	Cum
				@ Rs. 90.72/-		- - : Rs	20491.00 =
5)	Construction of embankment with approved earth with all lifts & leveled.						
	Qty vide item no (5) J/Pg 258157					31.32	Cum
				Limited to		29.17	Cum
				@ Rs. 166.32		- - - Rs.	4852/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	Lead for disposal of debris shall be payable as at carriage rates by mechanical means directed.						
	Extra vide item no. (12)	page	958157	- - -		234.08	cum
				Limited to		225.87	cum
				@ Rs. 72.71/-		- - - Rs.	16423.00 =
6)	Providing & laying in position pcc using 1:1½:3 mix 47.5 mm graded stone ballast, CA @ 0.85 & FA @ 0.58 cum, Machine Mixed, concrete laid in layers mixed as directed etc complete.						
	Extra vide Item no. (6)	page	958158	- - -		43.51	cum
				Limited to		42.58	cum
				@ Rs. 4290.84/-		- - - Rs.	182704.00 =

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
1)	Providing & laying cement concrete 1:2:4 using graded stone jelly 40 mm nominal size for RCC work in layers not exceeding 150 mm compacted with vibrating screed finished to required level etc complete.	
	Concrete road	
	a) 1st class road adjacent school	
	b) 7m on left side of ch	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		234.08	cum
		225.87	cum
			16483.00
		43.51	cum
		42.58	cum
			182704.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258110

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1)	providing & laying cement concrete 1:2:4 in RCC granite jelly & RMC 1:2:4 for Rcc work laid in layers not exceeding 150 mm thick, well compacted, vibrating using finishing with dll tools & lifts etc complete.						
	Concrete road						
	a) 1st class road adjacent school	1	37.50	3.0	0.1	19.98	cum
	b) 7th on left side 1st cross	1	85.20	3.0	0.1	11.34	"
					total.	31.32	cum
				Less for		29.18	cum
			@ Rs. 646.00/-				188645/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8)	Vacuum dewatering with vacuum pump & suction mat & compaction with power floater as directed			av.			
	a) 1st coat adj school	1	27.00	1.0	–	133.20	Sqm
	b) 4th Δ on left side 1st cn	1	25.20	2.0	–	75.60	"
					Total	208.80	Sqm
				Limited to		194.50	Sqm
				@ Rs. 91.80/-		= Rs.	17855/-
9)	providing groove cutting 6cm width 5mm to 10mm & depth 80mm to 100mm as directed.	5	3.0 av.	–	–	16.50	Rm
				limited to		13.00	"
				@ Rs 118.80/-		= Rs.	1544/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
10)	Providing & constructing with cement concrete cost of all material directed.
	a) Shoulder 1st mai 4th cn
	b) —"— 2nd cn wood
	c) 1st cn from mai wood
	d) 1st cn to 2nd B cn
	e) 2nd Δ to 3rd Δ cn
	f) 3rd Δ to 4th Δ cn

K

	Contents	Reference to last Measurement
epth 6	7	8
Sa		
	133.20 Sqm	
	75.60 "	
2d	208.80 Sqm	
	194.50 Sqm	
	- - = Rs	17855/-
	16.50 Rm	
	13.00 "	
-	- = Rs	1544/-

M. A. R. 57 (Rule 116)
Measurement Book

No. 11

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
to)	Providing & constructing non-load bearing walls in cm 1:4 cement concrete hollow blocks (650 mm x 200 mm x 200 mm) complete as per direction.						
	a) Shadeaya 1st mai 4th cross	1	74.00	-	0.20	29.60	Sqm.
	b) —"— 2nd cross road	1	63.50	-	0.20	25.40	"
	c) 1st cross from mai road	1	113.50	-	0.20	22.70	"
	d) 1st cross to 2nd B cross	1	19.00	-	0.20	3.80	"
	e) 2nd A to 3rd A cross	1	18.50	-	0.20	3.70	"
	f) 3rd A to 4th A cross	1	18.00	-	0.20	3.22	"
					Total	88.42	Sqm
				Rounded To		87.40	Sqm
				@ 65.12/-		= Rs	57957/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ii) Providing & laying in position RCC M20 mix for slabs exceeding 10 cm thick as above specified, concrete reaching mixed, concrete laid in layer not exceeding 10 cm thick as directed.						
	a) Khadagpur 1st main 4th cm	1	74.0	0.80	-	66.60	Sqm
	b) — " — 2nd cm	1	63.50	0.75	-	95.25	"
	d) Team main to 1st B cm	1	113.50	0.7	-	85.12	"
	d) 1st Δ to 2nd Δ cm	1	19.00	0.80	-	19.10	"
	e) 2nd Δ to 3rd Δ cm	1	18.50	0.80	-	16.65	"
	f) 3rd Δ to 4th 'Δ' cm	1	18.60	0.7	-	13.95	"
	g) 4th 'Δ' to 5th 'B' cm	1	18.20	0.7	-	13.65	"
	h) 5th 'Δ' to 6th 'Δ' cm	1	24.50	0.7	-	18.37	"
	i) 6th 'Δ' to 7th 'Δ' cm	1	27.00	0.7	-	20.25	"

CRF ramp

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	i) 7th 'B' cm to 8th 'Δ' cm

MCW RC

Add KRIDL charges
Add 1% Labour cess

18/6/15

epth 6	Contents 7	Reference to last Measurement 8
	66.00 Sqm	C&FC ramp
	95.25 "	
	85.12 "	
	12.10 "	
	16.65 "	
	13.85 "	
	13.65 "	
	18.37 "	
	20.25 "	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258112

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	i) 7M B CM to 8M A' CM	1	27.5	0.8	—	24.75	1pm C&FC ramp
					total	241.69	Sqm
				@ Rs. 1245/-		- Rs	4887654/-
					total Amount = Rs.		10,62368.00
						Rs.	106137.00
						Rs	10674.00
	Add KRIDL charges @ 10% Add 1% Labour cess						
					total Bill Amount Rs		11,84,779.00

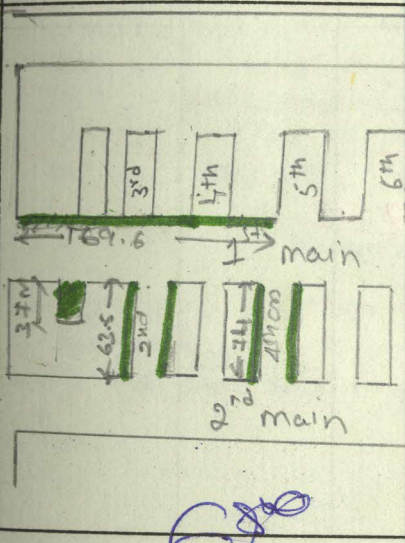
MC&FC Rly

18/6/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate 1) the above work is completed satisfactorily 2) the contractor has cleared the debris from worksite using his own vehicle. 3) there are no departmental issues to this work. 18/6/15 18/6/15 all measurements accepted with full and final settlement Assistant Executive Engineer Byatarayanapura Sub-division KRIDL BBMP, Bangalore						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	

MEASUREMENT BOOK

Date	Description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1184780=00			IT- 23696			
	185257=00			KSF- 47391			
				HD- 71087			
				Cwc- 11848			
				Cup- 1185			
	9,99523=00			Roy- 2805			
				Fine- 2000			
				185257=00			

Part Estimate

Improvements ... road ...

Serial No. ... at ... N ward ... & ...

Name of Work ... Ward No. 8 ...

Name of Contractor of nature of Agency ... M/s ...

Date of commencement of work ...

Date	Full description, etc, of work	N
1	2	
	Estimate Cost: Rs. 40.7	
	Job No: 008-15-000	
	AS No. Addl comm(Y2)	
	TS No. 02/14-15 dtd	
	DO No. RE/STI/ZMDC	
	Measurement	
1)	Removing AS slab ...	
	directed.	
2)	Qty vide item No (1) ...	

Contents	Reference to last Measurement
7	8

only
for ~~...~~
work

all necessary
complies with
full and true
Settlement

15

Assistant Executive Enginee
Byatarayanapura Sub-divisio
KRIDL BBMP, Bangalore

M. A. R. 57 (Rule 116) **No. B**
Measurement Book

Serial No. 258113
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8